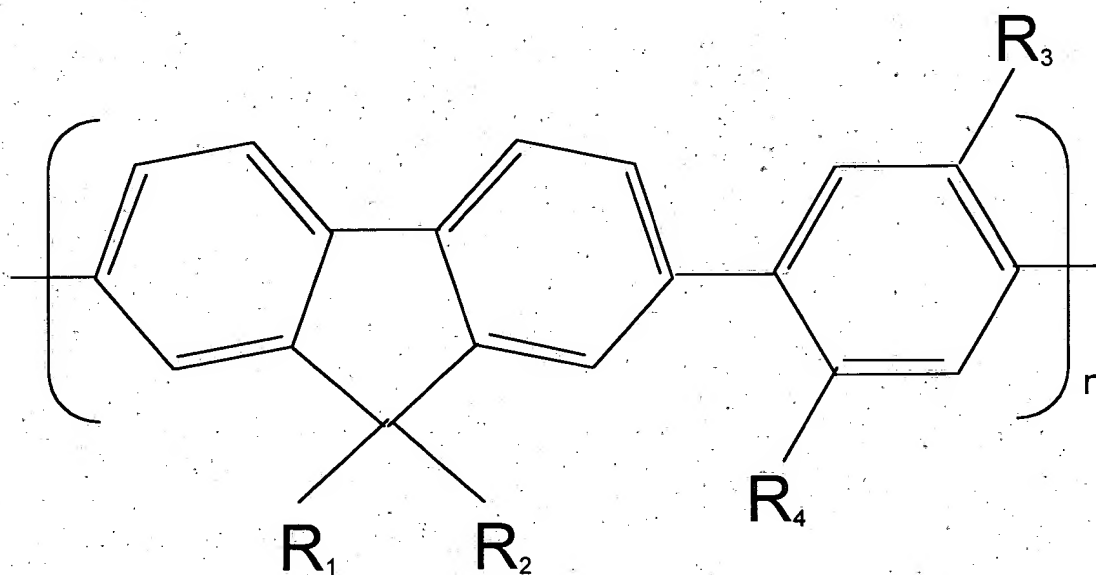


Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application:

1. (currently amended) A polymeric material comprising alternate substituted fluorene and phenylene units, as represented by the following formula



wherein R_1 , R_2 , R_3 , and R_4 , which may be identical or different, are each H, a (C₁-C₂₂) linear or branched alkyl, alkoxy or oligo (oxyethylene) group, a (C₆-C₃₀) cycloalkyl group, or an unsubstituted or substituted aryl group; wherein R_3 and R_4 , which may be identical or different, are each an octoxyl group; and wherein n is from about 3 to about 5000[;].

wherein when R_1 and R_2 are both C₆ alkyl, then:

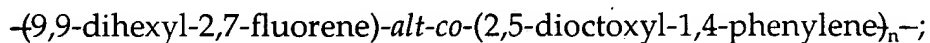
- R_3 and R_4 are not both H,
- R_3 and R_4 are not both C₆ alkyl, [and]
- R_3 and R_4 are not both C₆ alkoxy[;], and
- R_3 and R_4 are not both C₁₀ alkoxy; and

wherein when R_1 and R_2 are both C₈ alkyl, then:

- R_3 and R_4 are not both H.

2. (canceled)
3. (canceled)
4. (currently amended) The A-polymeric material according to claim 1 wherein n is from about 5 to about 1000.
5. (currently amended) The A-polymeric material according to claim 1 which emits visible light having a wavelength of between 350 and 550 nm.
6. (currently amended) The A-polymeric material according to claim 5 which emits visible light having a wavelength of about 430 nm.
7. (original) A light emitting diode comprising a polymeric material in accordance with claim 1.
8. (currently amended) The A-light emitting diode according to claim 7 having an anode layer, a polymer layer comprising a polymeric material in accordance with claim 1, and a metal cathode layer.
9. (currently amended) The A-light emitting diode according to claim 7 having an additional hole transporting layer between the anode layer and the polymer layer.
10. (currently amended) The A-light emitting diode according to claim 9 wherein the transporting layer includes polyvinylcarbazole.
11. (currently amended) The A-light emitting diode according to claim 9 having an additional hole injection layer between the hole transporting layer and the polymer layer.
12. (currently amended) The A-light emitting diode according to claim 11 wherein the hole injection layer comprises copper phthalocyanine.

13. (currently amended) The A-light emitting diode according to claim 11 wherein the hole injection layer comprises polyaniline.
14. (original) A full color display incorporating a polymeric material in accordance with claim 1.
15. (currently amended) The A-full color display incorporating a light emitting diode in accordance with claim 7.
16. (currently amended) The A-polymeric material according to claim 1 made in accordance with a Suzuki coupling process.
17. (currently amended) The A-polymeric material according to claim 16 wherein the monomers are 2,7-diboronates of 9,9-disubstituted fluorenes and 1,4-dibromo-2,5-dioctoxylbenzene.
18. (currently amended) The A-polymeric material according to claim 16 wherein the monomers are prepared using Grignard reagents.
19. (canceled)
20. (canceled)
21. (previously presented) A polymeric material comprising Poly[(9,9-dihexyl-2,7-fluorene)-*alt-co*-(2,5-dioctoxyl-1,4-phenylene)].
22. (new) The polymeric material according to claim 21 comprising alternate substituted fluorene and phenylene units, as represented by the following formula



wherein n is from about 3 to about 5000.